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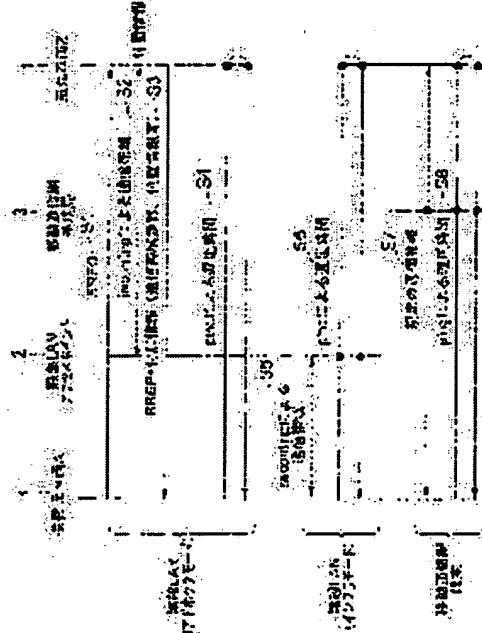
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(54) METHOD OF SWITCHING DIFFERENT RADIO COMMUNICATION MEDIA AND ITS COMMUNICATION STATUS MEASURING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method of accurately collecting communication status information of radio communication media and then optimally switching the radio communication media in accordance with the communication status information.

SOLUTION: In the method of switching the radio communication media, an ad-hoc mode communication means employs an AODV (ad-hoc on-demand distance vector routing) protocol, and the method includes a step where a transmitting source terminal transmits a route request packet (RREQ) to a destination terminal in an ad-hoc mode; a step where a status of communications with an access point is measured in response to an "iwconfig" command when the destination terminal can communicate with the access point in an infrastructure mode; a step where the destination terminal adds measured communication status information to the RREP and uses the ad-hoc communication means to respond to the transmitting source terminal; and a step where the transmitting source terminal determines whether communications are performed in the



infrastructure mode or in the ad-hoc mode on the basis of the communication status information received by a route response packet.

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